

~~ADMINISTRATIVE-INTERNAL USE ONLY~~

DATA CENTER OPERATIONS BRANCH

NDS OPERATIONS PROCEDURE MANUAL
NO. P-F008

APPLICATIONS SOFTWARE
13 April 1983

FILM DESTRUCT ARCHIVAL SYSTEM
FOR THE FILM INFORMATION FILE

SYMBOLIC TITLE: DSTARCFIF
PROGRAMMER:

STAT

~~ADMINISTRATIVE-INTERNAL USE ONLY~~

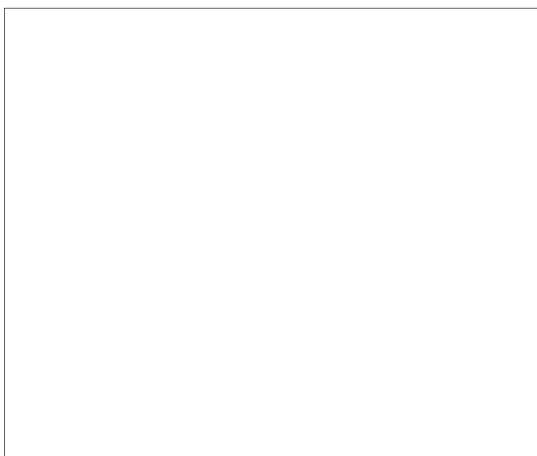
ADMINISTRATIVE-INTERNAL USE ONLY

Program DSTARCFIF

Date 20 October 1982

APPROVALS

This operations manual has been reviewed and approved by the following persons:



STAT

18 NOV 82
(date)

23 NOV 82
(date)

ADMINISTRATIVE-INTERNAL USE ONLY

ADMINISTRATIVE-INTERNAL USE ONLY

Program DSTARCFIF

Date 20 October 1982

CONTENTS

	<u>Page</u>
SUMMARY	1
OPERATIONAL FLOW CHART	2
MAGNETIC TAPE INPUT	3
INPUT TAPE FORMAT	4
MAGNETIC TAPE OUTPUT	5
HIGH-SPEED PRINTER OUTPUT	6
ON-LINE COMPUTER PROCESSING	7
EQUIPMENT REQUIREMENTS	7
NORMAL RUN INSTRUCTIONS	8
ABNORMAL RUN INSTRUCTIONS	10

ADMINISTRATIVE-INTERNAL USE ONLY

Program DSTARCFIF

Date 20 October 1982

SUMMARY

The FIF Film-Destruct Archival System, DSTARCFIF, is divided into four programs, each performing a specific function.

The first program, DSTARCFIF, reads the NPIC data base and creates a file (FIF*TEMPDESTRUCT) containing the film-destruct records.

The second program, DSTRPTFIF, sorts the temporary recall records by mission number, control number-ID, and return date. A report is printed containing information on each entry.

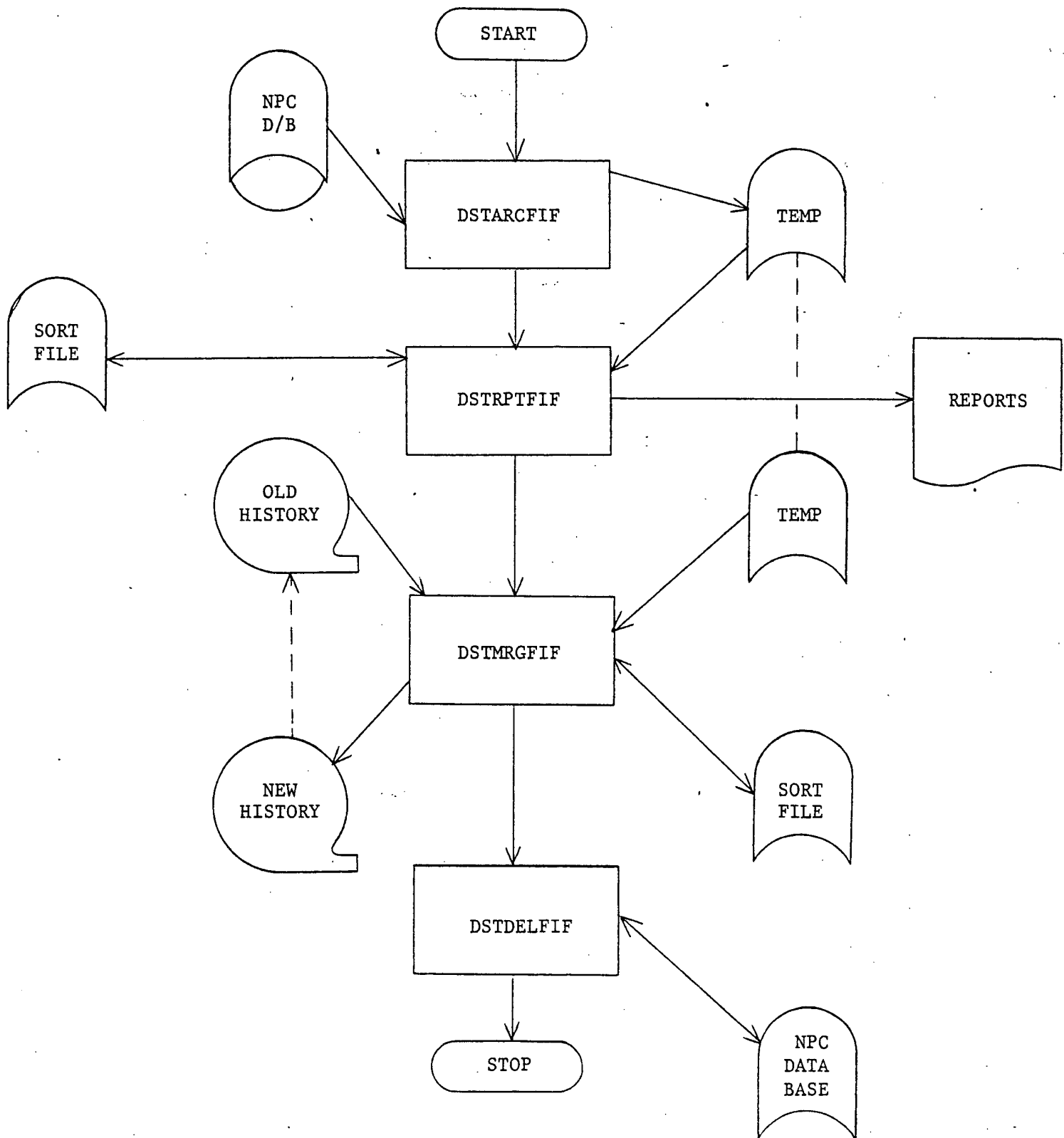
The third program, DSTMRGFIF, merges the records of the temporary destruct file with the existing history file, in the order mentioned above. The history file is then read to be sure no errors occur.

The fourth and last program, DSTDELFIF, purges all the film-destruct records merged into the history tape from the NPIC data base.

ADMINISTRATIVE INTERNAL USE ONLY

Program DSTARCFIFDate 20 October 1982

OPERATIONAL FLOW CHART



ADMINISTRATIVE INTERNAL USE ONLY

Program DSTARCFIF

Date 20 October 1982

MAGNETIC TAPE INPUT

Contents and Description of Tape Data - Tape contains selected records from the FIF data base.

Type of Unit (7 Track or 9 Track)

9-Track

Standard Tape Label: 'NDS 65 (SYS) DSTARCFIF'
(to be inserted by programmer)

Label Block File Name:

Mode: 1600 BPI

Code: ASCII

Record and Block Size: 100 records per block/38 characters per record

File Sequence:

Source Program:

Source Component:

Disposition: The tape resides in the Tape Library

Retention Period: Thru four cycles

Restrictions:

Quantity:

Date 20 October 1982

INPUT TAPE FORMAT

```
FD NEWDESTRUCT
  RECORDING MODE IS SDF
  BLOCK CONTAINS 100 RECORDS
  DATA RECORD IS NEWDESTRUCT-RECORD
  LABEL RECORDS ARE OMITTED.
01 NEWDESTRUCT-RECORD.
  02 DESTRUCT-RECORD PIC X(38).
  02 RECORD-OF-DESTR REDEFINES DESTRUCT-RECORD.
    05 MISS-TYPE.
      06 MISS-COL PIC XX.
      06 MISS-TYPE-NUM PIC XX.
    05 MISS-NUM.
      06 MISS-NUM-ID PIC X(4).
      06 MISS-NUM-REST.
        07 MISS-NUM-SEP PIC X.
        07 MISS-NUM-BKT PIC XX.
      06 CONTR-NUM-ID PIC X(9).
      06 FILM-TYPE PIC XXX.
    06 COPY-NUM PIC 99.
      06 SHIPMENT-NUM PIC XXXX.
      06 DAT-REL PIC 9(6).
      06 BOX-NUM-D PIC XXX.
```

Date 20 October 1982

MAGNETIC TAPE OUTPUT

Contents and Description of Tape Data - Tape contains selected FIF records from the FIF data base sorted sequence.

Unit

9-Track

Standard Tape Label: 'NDS 65 (SYS) DSTARCFIF'
(to be inserted by programmer)

Label Block File Name:

Mode: 1600 BPI

Code: ASCII

Record and Block Size: 100 records per block/38 characters per record

File Sequence: MISS-NUM, CONTROL-NUMB-ID, DATE-REL.

Source Component:

Disposition:

Retention Period: four cycles

Restrictions: None

Quantity:

ADMINISTRATIVE INFORMATION

Date 20 October 1982

HIGH-SPEED PRINTER OUTPUT

Identification: DSTARC Execution Summary

Format: Standard print file (132 char/line)

Type of Form: 1471-1pt.

Disposition: Send to Map and Imagery Branch, RSD/OSG

ADMINISTRATIVE INFORMATION

~~ADMINISTRATIVE-INTERNAL USE ONLY~~

Program DSTARCFIF

Date 20 October 1982

ON-LINE COMPUTER PROCESSING

EQUIPMENT REQUIREMENTS

Computer: UNIVAC 1100/80

Schema Used: NPICSCHEMA

Storage:

Core Required -

I Bank -

D Bank -

Peripheral Devices: Console, Tape Drive, Printer

Restrictions: None

Files Accessed: FIF

Files Created/Deleted: Tape output file

File Size:

Approximate Number of Accesses:

~~ADMINISTRATIVE-INTERNAL USE ONLY~~

ADMINISTRATIVE-INTERNAL USE ONLY

Program DSTARCFIFDate 20 October 1982

NORMAL RUN INSTRUCTIONS

Initiation: ST XDB*P\$RUN.DSTARCFIF/XQT,,,DMS; this initiation will start all four runs: DSTARC, DSTMRG, DSTDEL and DSTRPT.

Messages: None

Monitor:

<u>Message</u>	<u>Cause</u>	<u>Operator Action</u>
NOW EXECUTING DESTRUCT READ PROGRAM	None	Initiate job
NOW EXECUTING DESTRUCT REPT PROGRAM	None	Initiate job
NOW EXECUTING DESTRUCT MRG. PROGRAM	None	Initiate job
NOW EXECUTING DESTRUCT UPD. PROGRAM	None	Initiate job

ADMINISTRATIVE-INTERNAL USE ONLY

Program DSTARCFIF

Date 20 October 1982

NORMAL RUN INSTRUCTIONS (Continued)

Interrupt/Reentry: Restart the job via:

"ST XDB*P\$RUN.DSTARCFIF/XQT,,,DMS - starts all jobs again
"ST XDB*P\$RUN.DSTRPTFIF/XQT,,,DMS - starts only the Report program
"ST XDB*P\$RUN.DSTDELFIF/XQT,,,DMS - starts only the Update program
"ST XDB*P\$RUN.DSTMRGFIF/XQT,,,DMS - starts only the Merge program

Disposition of Data: Save tapes in Library and return listing to User.

Date 20 October 1982

ABNORMAL RUN INSTRUCTIONS

Messages:

<u>Message</u>	<u>Cause</u>	<u>Operator Action</u>
WARNING: AN ERROR HAS OCCURRED CAUSING A ROLLBACK	In the event of a data base error during the Read or Update program, the status code will be output. A data base rollback will occur, resulting in replacement of all records, since the previous FREE execution. A FREE will be performed every 250 record updates.	Call Data Base Section, PB.

Find out which of the jobs running caused the error, correct and restart it
by typing in one or more of the following:

```
ST XDB*P$RUN.DSTARCFIF/XQT,,,DMS
ST .DSTRPTFIF/XQT,,,DMS
ST .DSTMGRGIF/XQT,,,DMS
ST .DSTDelfIF/XQT,,,DMS
```